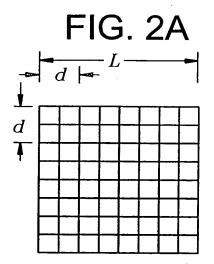


to exit the pad housing parallel to the planar phased array transducer so that the pad can be easily attached

to the head of a trauma victim or surgical patient.



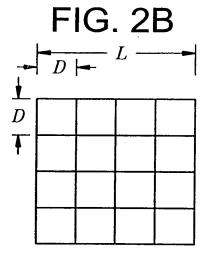
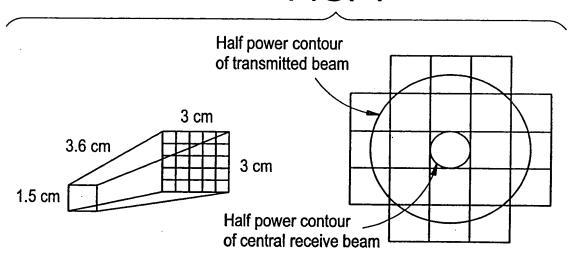
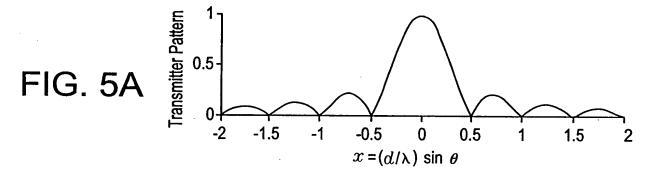
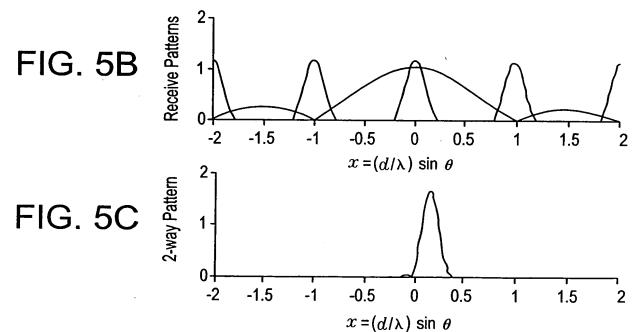


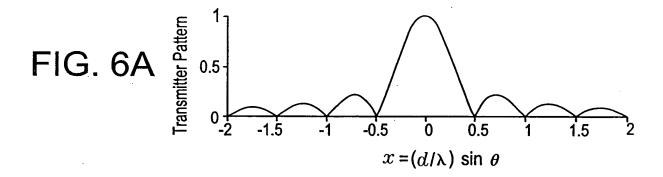
FIG. 3 Color Video Monitor **TCD Array** Desk-top PC 32 SHARC Transmit-**Processor** Video 64 Miniature Receive Mainboard Port Coax Cables **Electronics** 16 MB RAM ¥32 ¥32 PCI bus ¥-32 **System Memory Pentium** 1 Gbyte

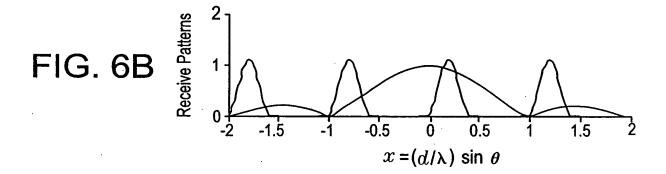
FIG. 4











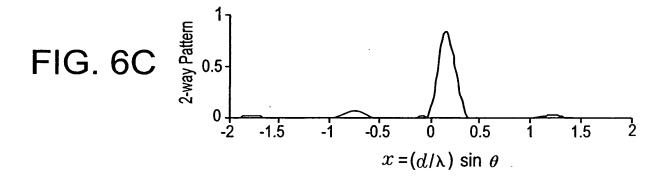
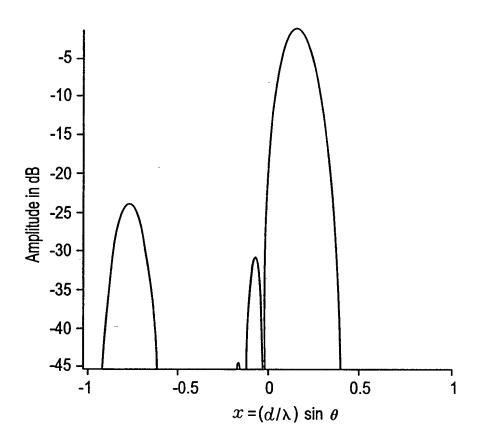
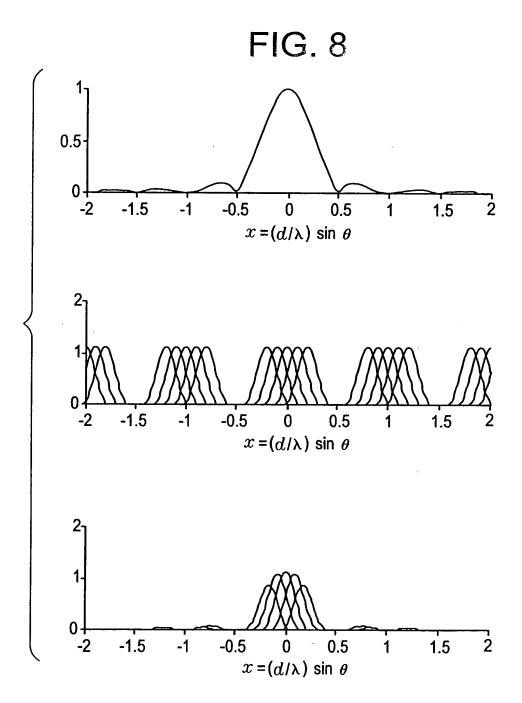
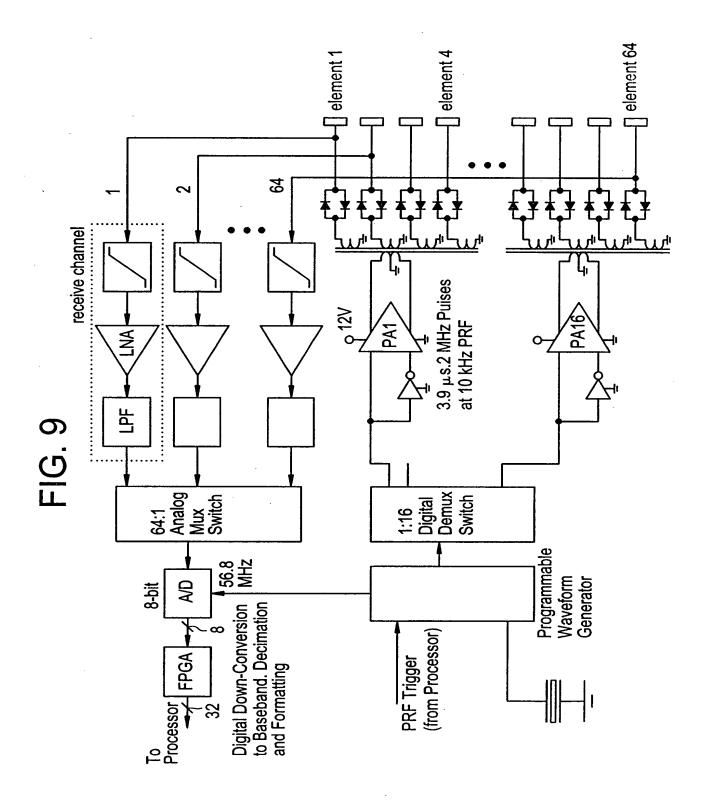


FIG. 7







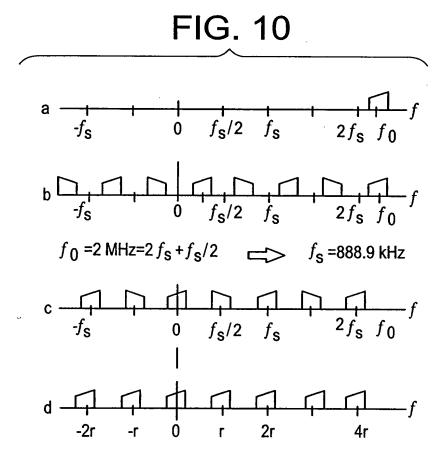


FIG. 11

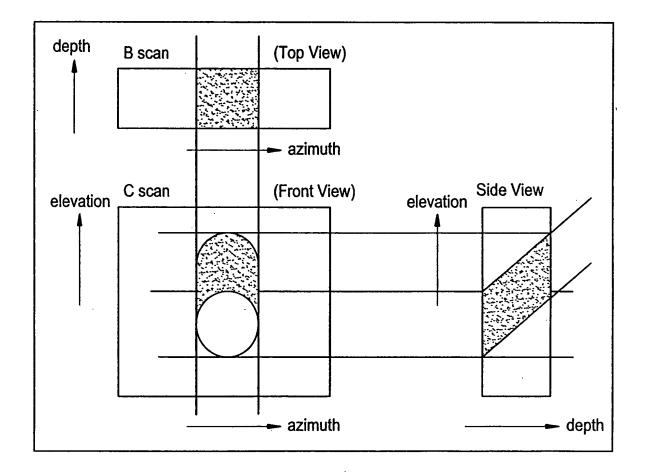
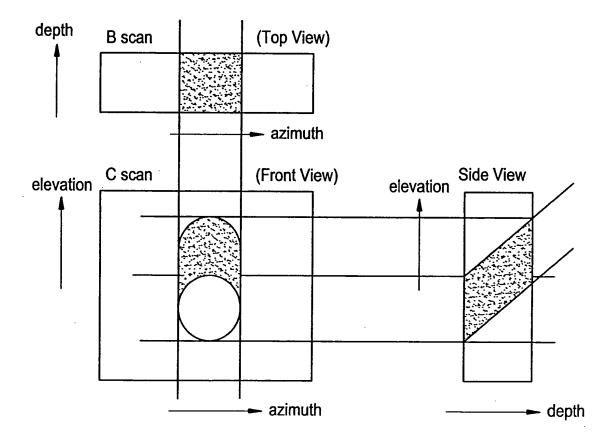
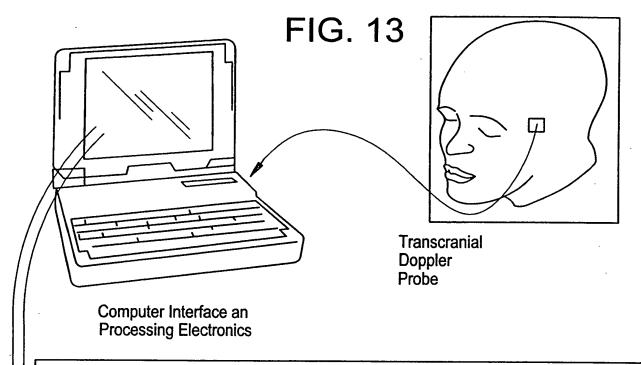
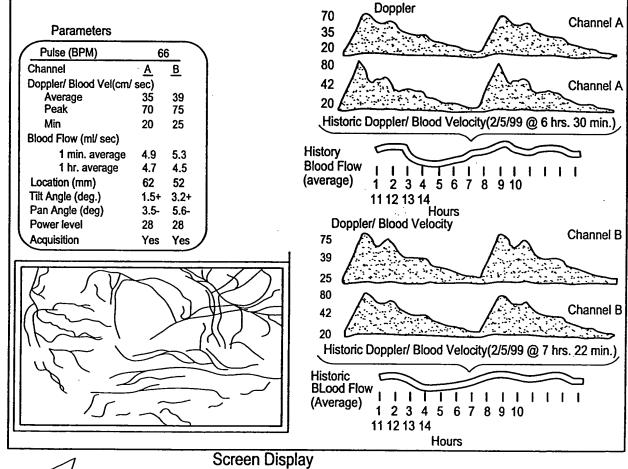


FIG. 12

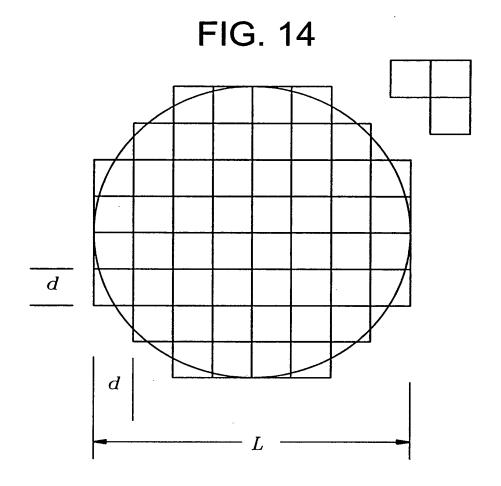






A thin flexible bundle of cables makes a 90-degree turn to exit the pad housing parallel to the planar phased array transducer so that the pad can be easily attached

to the head of a trauma victim or surgical patient.



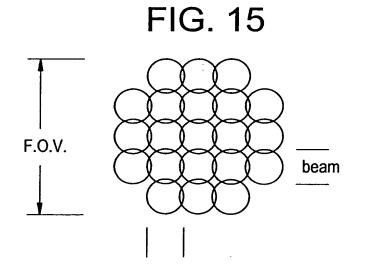


FIG. 16

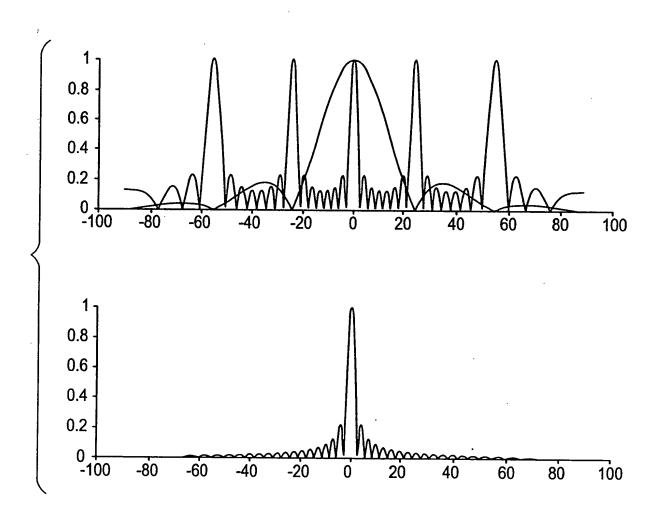
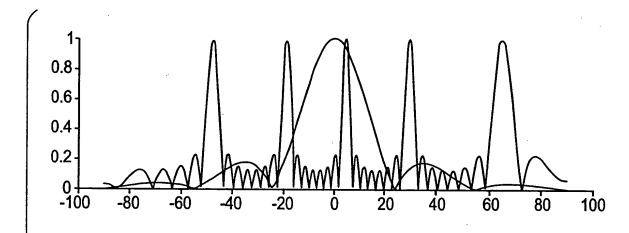


FIG. 17



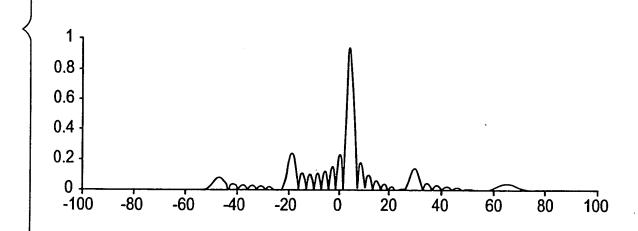
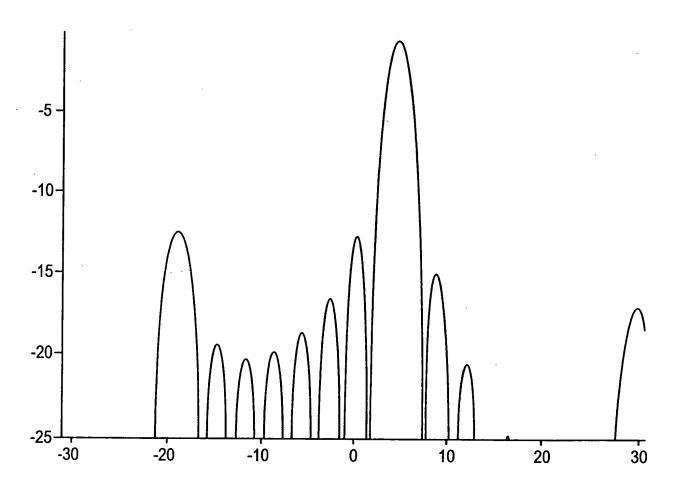


FIG. 18



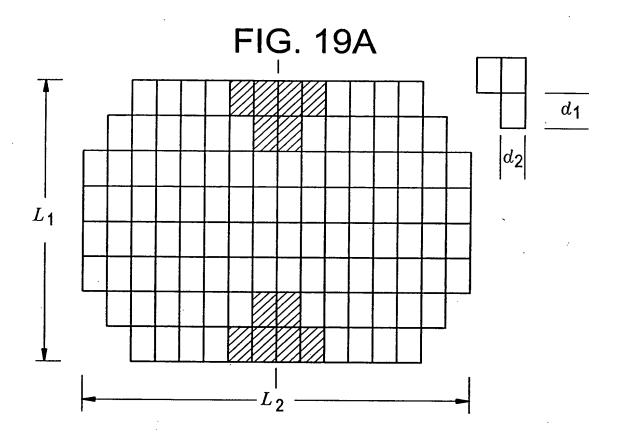


FIG. 19B



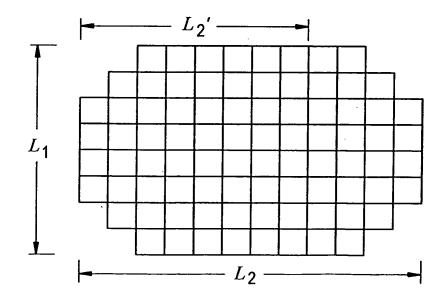


FIG. 21

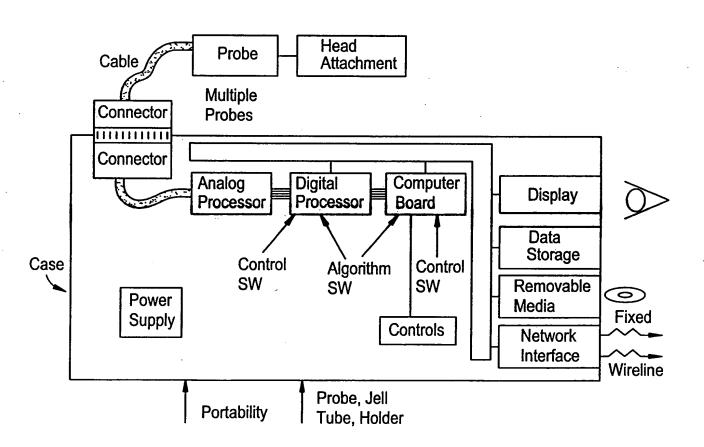


FIG. 22

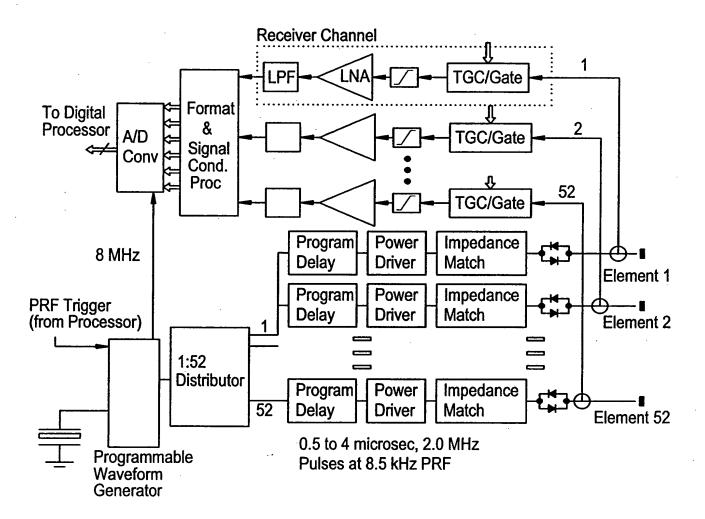


FIG. 23

